

8. The fulfillment management system of Claim 1, wherein the one or more processors are further collectively operable to:

receive a sequence of component ATP requests, one or more first component ATP requests in the sequence targeted to the fulfillment management system;

5 process the first component ATP requests targeted for the fulfillment management system to generate one or more resulting component quotations; and

communicate the resulting component quotations, along with remaining component ATP requests in the sequence, to a second fulfillment management system targeted by one or more second component ATP requests in the sequence.

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9. The fulfillment management system of Claim 1, wherein the one or more processors are collectively operable to:

support a seller hierarchy also supported by a fulfillment server;

support a subset of products supported by the fulfillment server; and

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generate component quotations or component promises on a per product basis based upon allocations throughout the seller hierarchy for the subset of products.

10. The fulfillment management system of Claim 1, wherein the one or more processors are collectively operable to:

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support a subset of products in a hierarchy of related products supported by a fulfillment server; and

generate component quotations or component promises based upon allocations for the subset of products throughout the hierarchy.

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11. The fulfillment management system of Claim 10, wherein the one or more processors are further collectively operable to generate an availability of generics of a product by communicating component ATP requests to a second fulfillment management system that corresponds to the generic products.

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12. The fulfillment management system of Claim 1, wherein:
the fulfillment management system corresponds to a seller within a seller
hierarchy supported by a fulfillment server; and

the one or more processors are further collectively operable to:

- 5 hold allocations of supply for the corresponding seller;
- generate all component quotations or component promises possible
with the allocations; and
- communicate the component quotations or component promises for
combination, for each product, as if the ATP request had been quoted or promised by
- 10 a single system having all the allocations.

13. The fulfillment management system of Claim 12, wherein the one or
more processors are further collectively operable to generate an availability of a
corresponding parent seller by communicating component ATP requests to a second
15 fulfillment management system corresponding to the parent seller.

14. The fulfillment management system of Claim 1, wherein the one or
more processors are collectively operable to accept component ATP requests from
multiple fulfillment servers and communicate component quotations or component
20 promises to multiple fulfillment servers.

15. The fulfillment management system of Claim 1, wherein the one or
more processors are collectively operable to support a subset of a product hierarchy
and generate component quotations or component promises based on allocations to
25 products in the hierarchy.

16. The fulfillment management system of Claim 1, wherein the product
availability information comprises:
a list of at least one product; and
30 a supply vector identifying when one or more quantities of the product have or
will become available.

17. The fulfillment management system of Claim 1, wherein the database is also operable to store:

one or more accepted component promises;

one or more commit transactions associated with each accepted component

5 promise; and

one or more supply transactions associated with at least one product.

18. The fulfillment management system of Claim 17, wherein the supply transactions represent at least one of an addition, a modification, and a removal of 10 availability of the product.

19. The fulfillment management system of Claim 1, wherein the one or more processors are collectively operable to receive at least one component ATP request through a web user interface.

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20. The fulfillment management system of Claim 19, wherein the one or more processors are collectively operable to receive at least one component ATP request using Hypertext Transfer Protocol (HTTP).

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21. The fulfillment management system of Claim 1, wherein the fulfillment management system operates in an electronic marketplace.

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